

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/003391

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07K1/107 C07K19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PERLER F.B. ET AL.: "The mechanism of protein splicing: variations on a theme" PEPTIDES 2002, 2002, pages 254-255, XP002311673 NAPOLI, ITALY the whole document page 255, line 18 - line 22 <div style="text-align: center;">----- -/--</div>	1-27

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

22 December 2004

Date of mailing of the international search report

12/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>CHONG S ET AL: "Single-column purification of free recombinant proteins using a self-cleavable affinity tag derived from a protein splicing element" GENE: AN INTERNATIONAL JOURNAL ON GENES AND GENOMES, ELSEVIER SCIENCE PUBLISHERS, BARKING, GB, vol. 192, no. 2, 1997, pages 271-281, XP004081721 ISSN: 0378-1119 cited in the application abstract page 272, left-hand column, line 26 - line 30 figures 1,B page 277, right-hand column, line 15 - line 21 page 279, left-hand column, line 9 - line 14</p>	1-27
X	<p>----- COTTON GRAHAM J ET AL: "Peptide ligation and its application to protein engineering" CHEMISTRY AND BIOLOGY (LONDON), vol. 6, no. 9, September 1999 (1999-09), pages R247-R256, XP002311674 ISSN: 1074-5521 cited in the application</p>	15,27
Y	<p>abstract page R248, right-hand column, line 13 - line 17 page R249, left-hand column, line 52 - line 56 page R249, right-hand column, line 39 - line 44 page R250, right-hand column, line 3 - line 9 figure 2</p>	1-14, 16-26
Y	<p>----- WO 00/18881 A (XU MING QUN ; NEW ENGLAND BIOLABS INC (US); EVANS THOMAS C (US)) 6 April 2000 (2000-04-06) cited in the application abstract page 7, line 1 - line 17 page 10, line 4 - line 9</p> <p style="text-align: center;">----- -/--</p>	1-27

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GEOGHEGAN K F: "Site-directed conjugation of nonpeptide groups to peptides and proteins via periodate oxidation of a 2-amino alcohol. Application to modification at N-terminal serine" BIOCONJUGATE CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 3, no. 2, 1992, pages 138-146, XP002133027 ISSN: 1043-1802 cited in the application	15,27
Y	abstract	1-14, 16-26

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0018881	A	06-04-2000	CA 2344764 A1	06-04-2000
			EP 1117693 A2	25-07-2001
			JP 2002526387 T	20-08-2002
			WO 0018881 A2	06-04-2000
